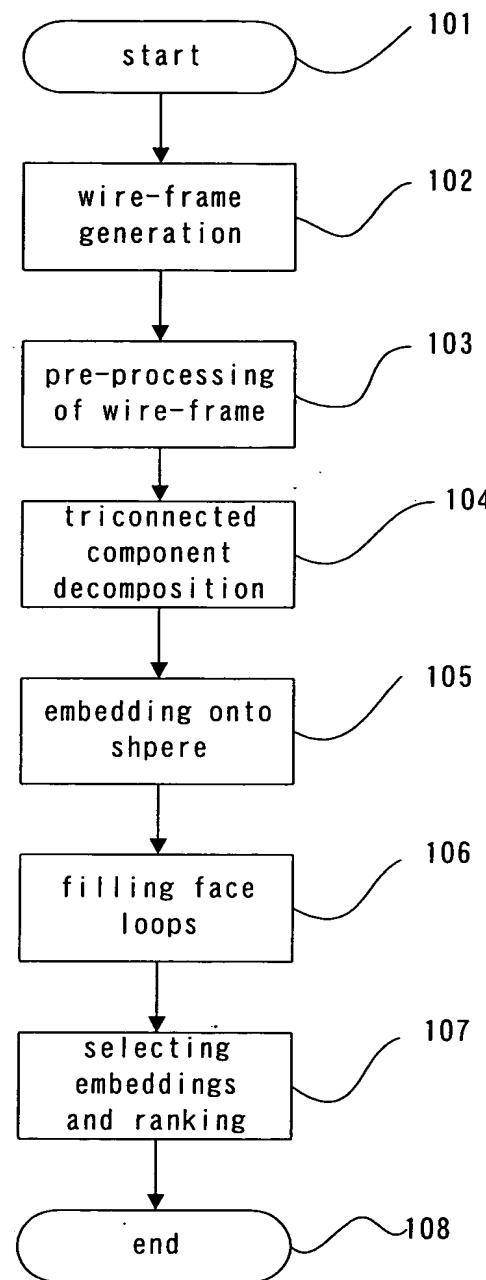
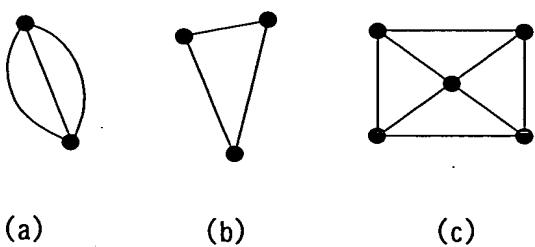


Fig. 1



0 964 831 25 " 0 1225(00)



- (a) 3-bond graph
(b) triangle graph
(c) triconnected graph

Fig. 2

09648129 - 082500

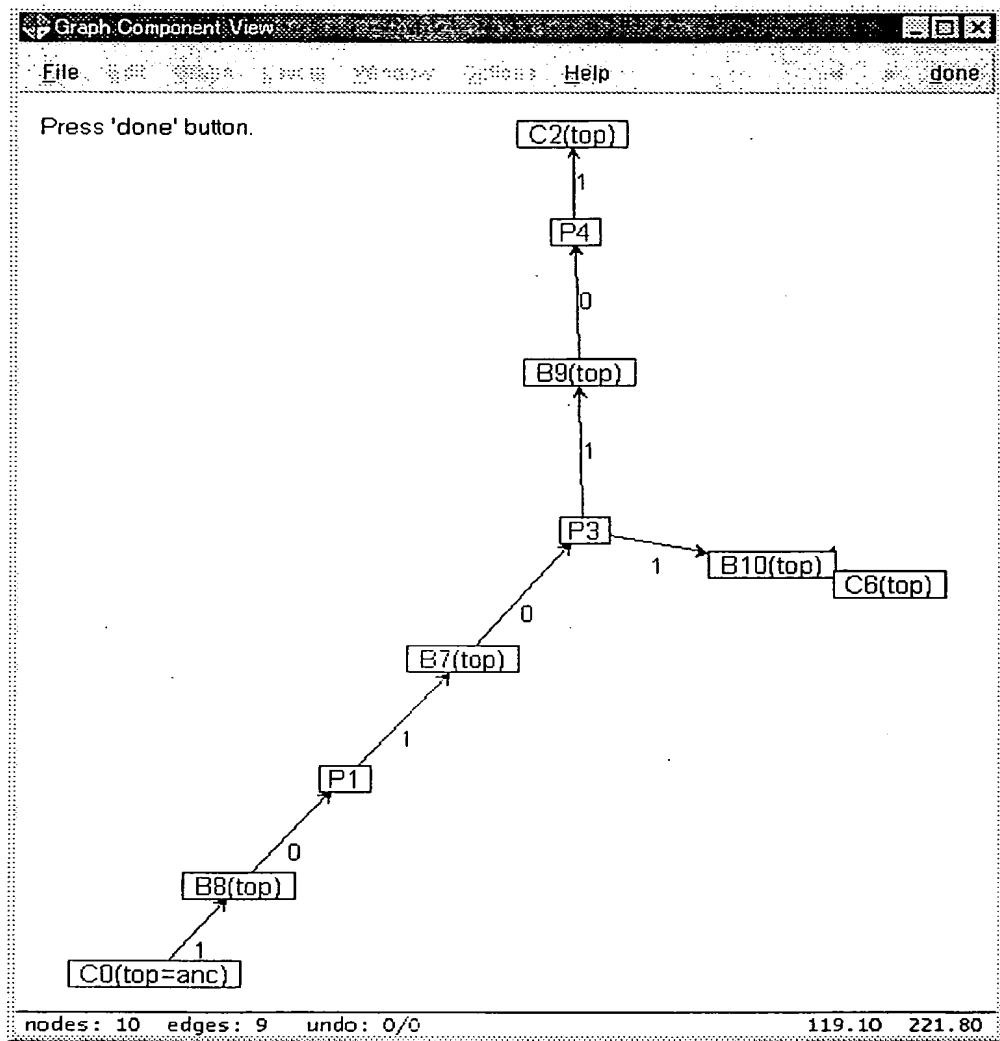


Fig. 3

0001111111 - 00022500

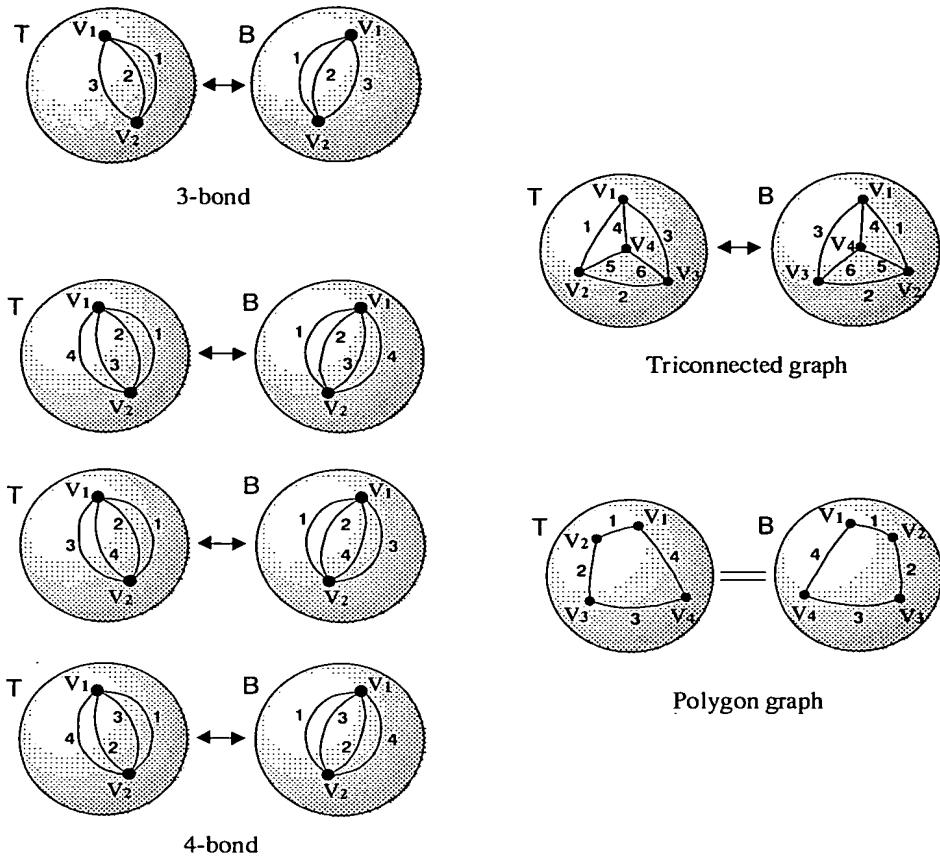


Fig. 4

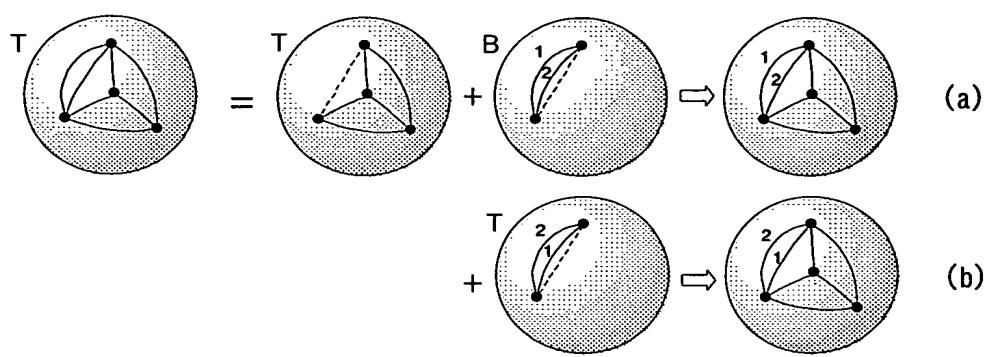
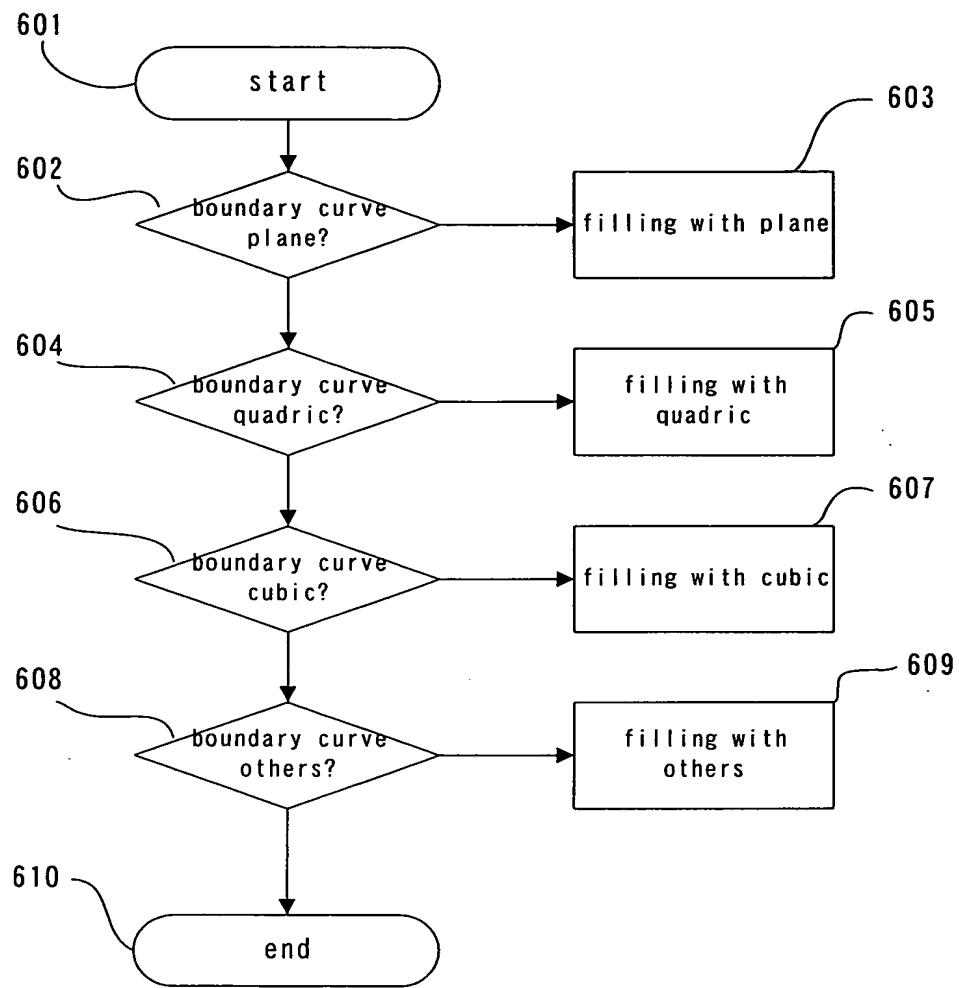


Fig. 5

Fig. 6



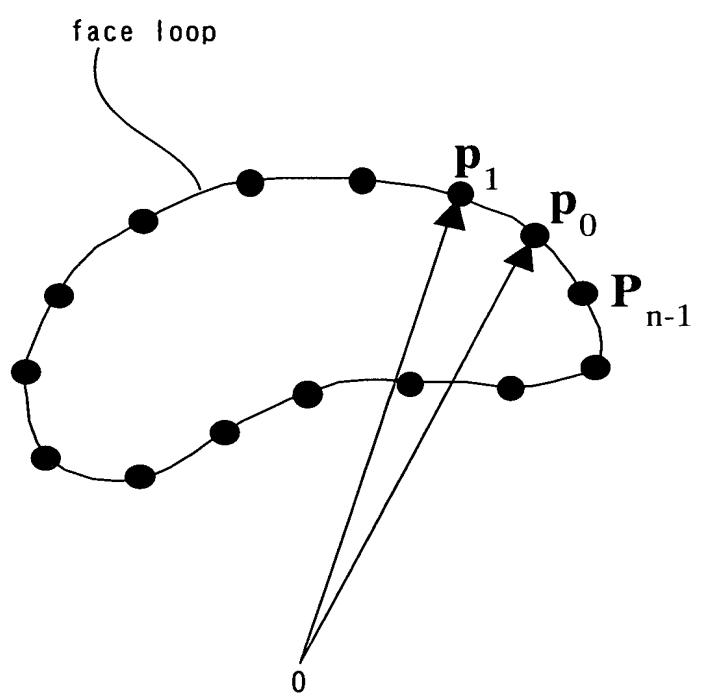


Fig. 7

0052980 - 041960

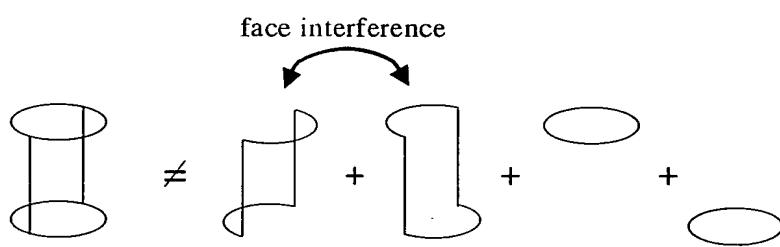


Fig. 8

09648133 - 032500

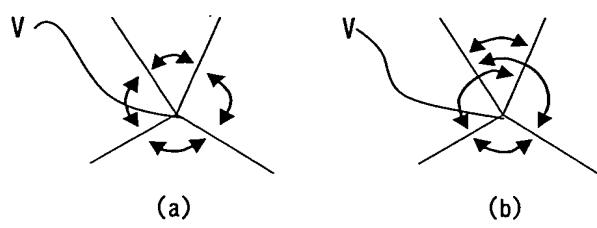


Fig. 9

Queue = empty;
forall (embeddings) {
 Score = 0;
 forall (loops) {
 Evaluate the loop;
 If (acceptable) Accumulate the evaluated value to Score;
 else goto next_embed;
 }
 forall (vertices) {
 Evaluate the combination of loops around v;
 If (acceptable) Accumulate the evaluated value to Score;
 else goto next_embed;
 }
 forall (edges) {
 Evaluate a pair of loops;
 If (acceptable) Accumulate the evaluated value to Score;
 else goto next_embed;
 }
 Register in Queue the pair of the embedding and computed Score;
 next_embed:
}
If (Queue is not empty) {
 Sort the Queue based on Scores;
}

Fig. 10

09648139 - 032500

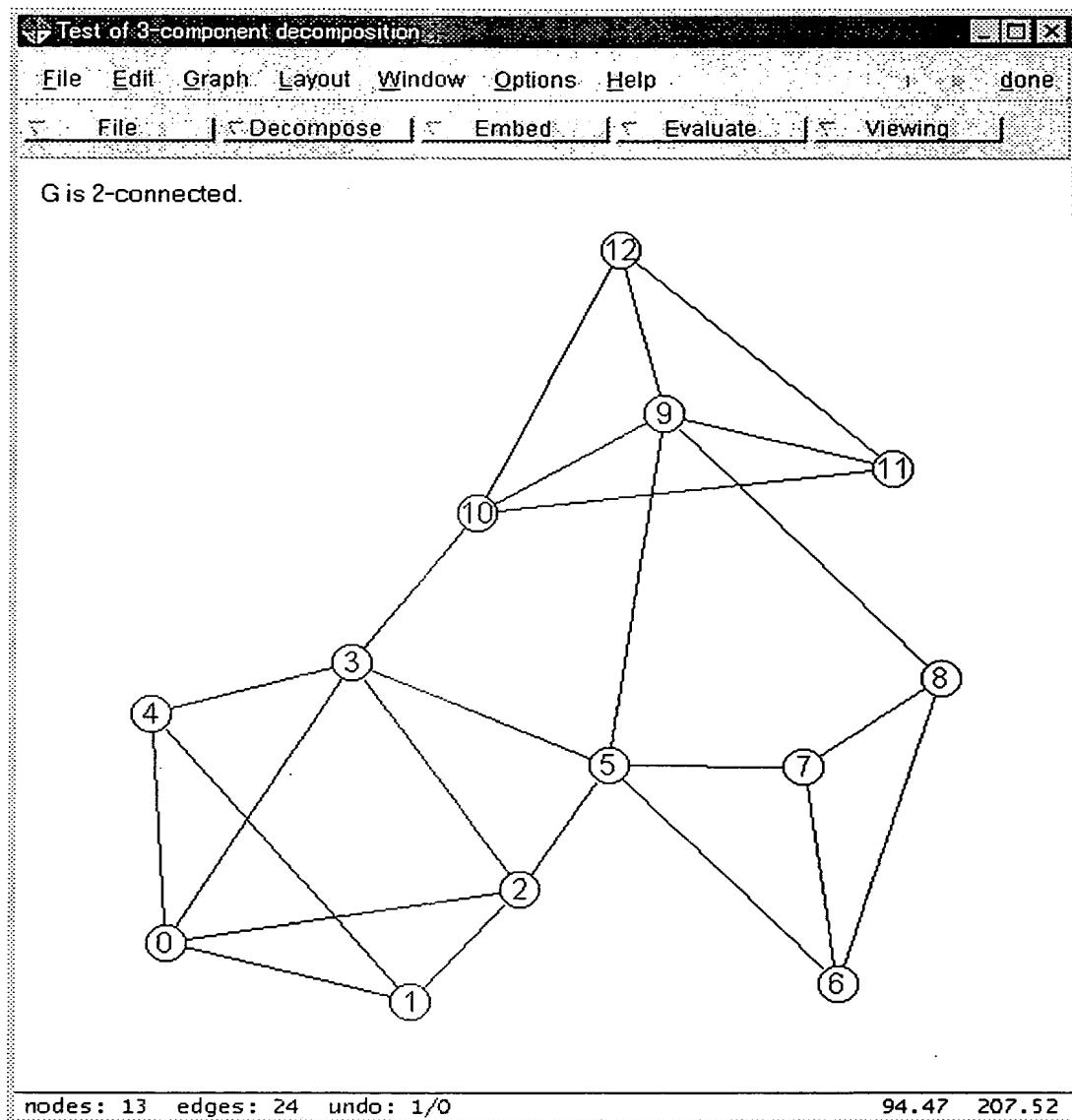


Fig. 11

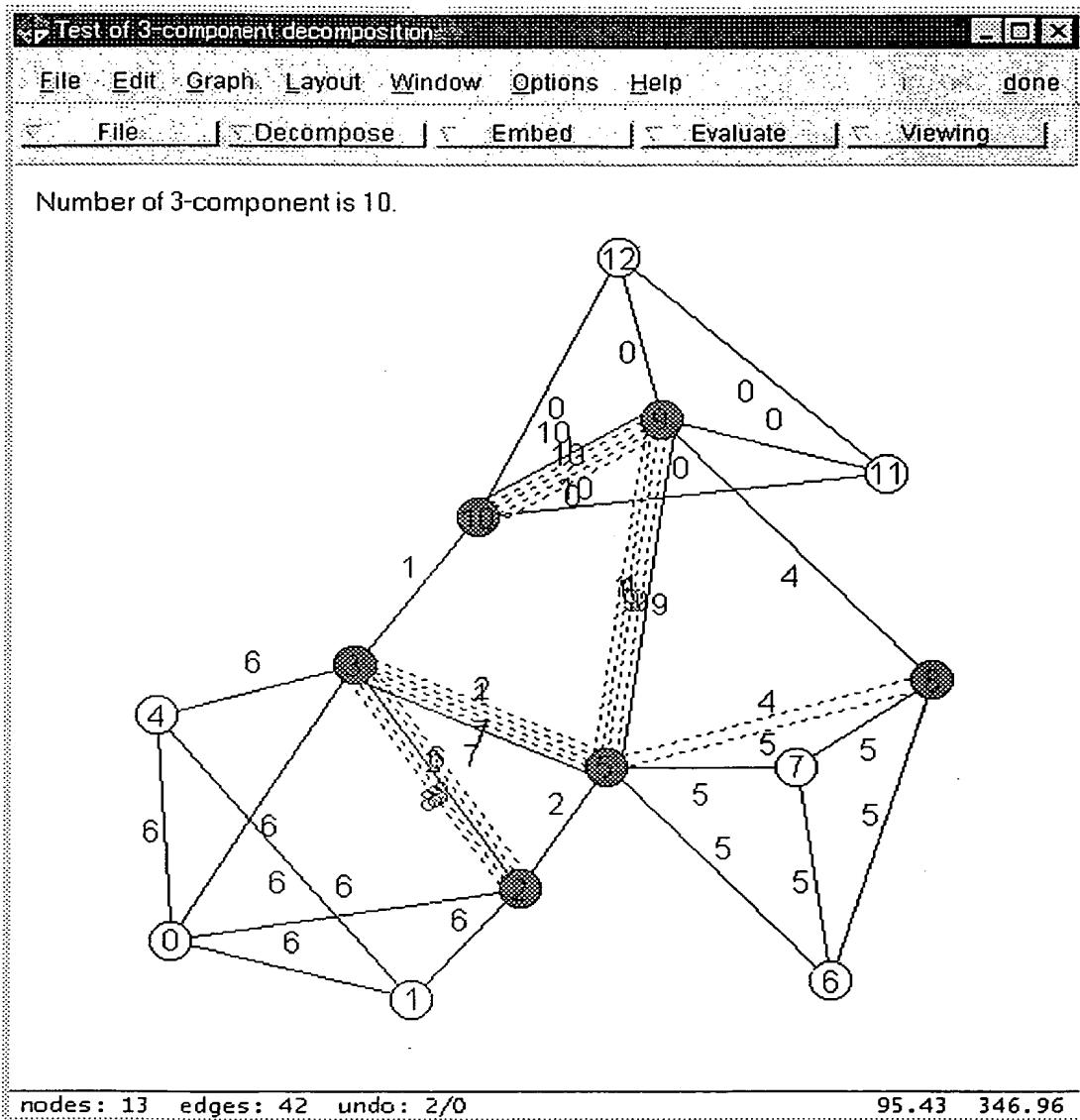


Fig. 12

000000000000000000000000

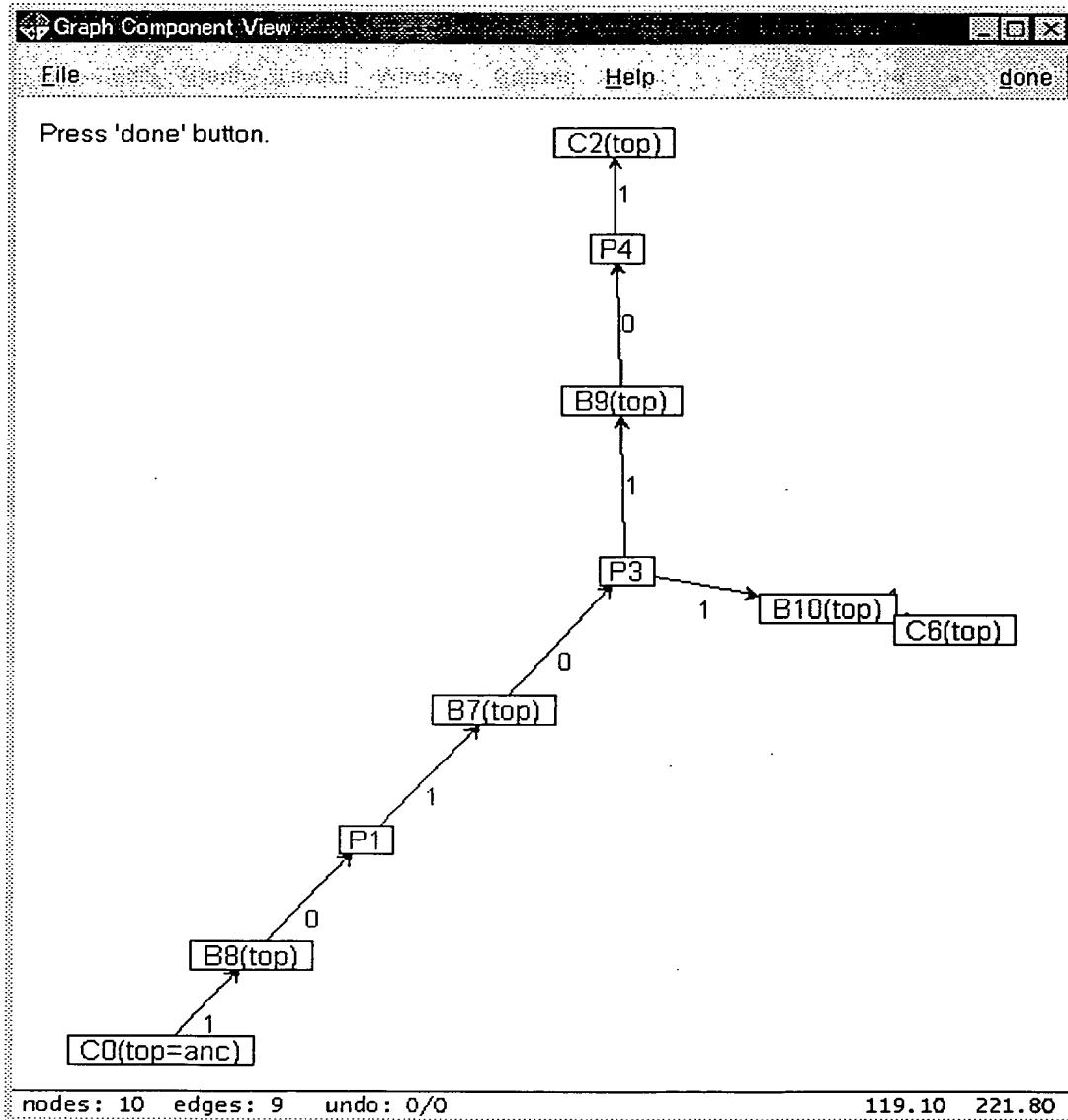


Fig. 13

09648139 - 0922500

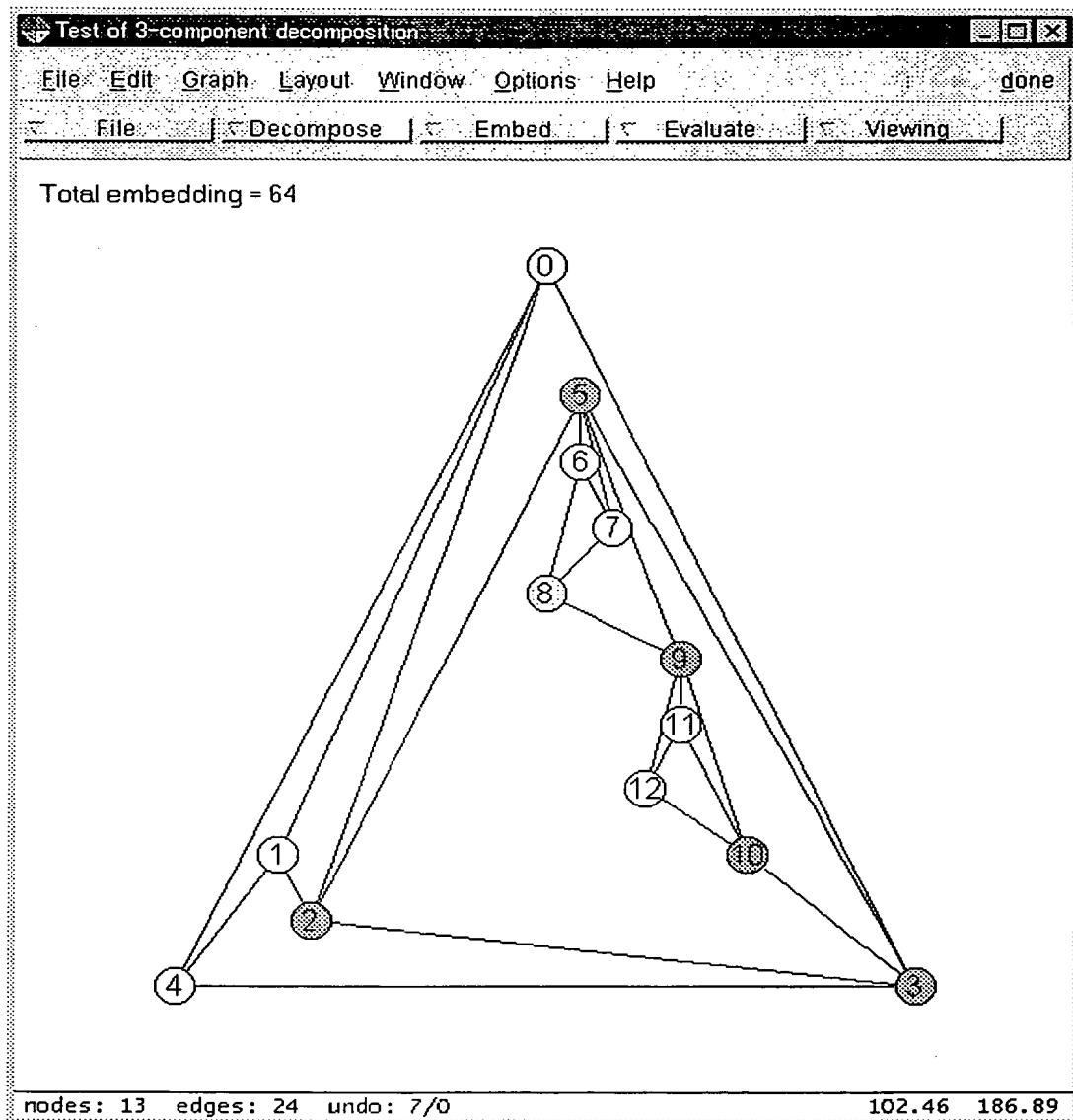


Fig. 14

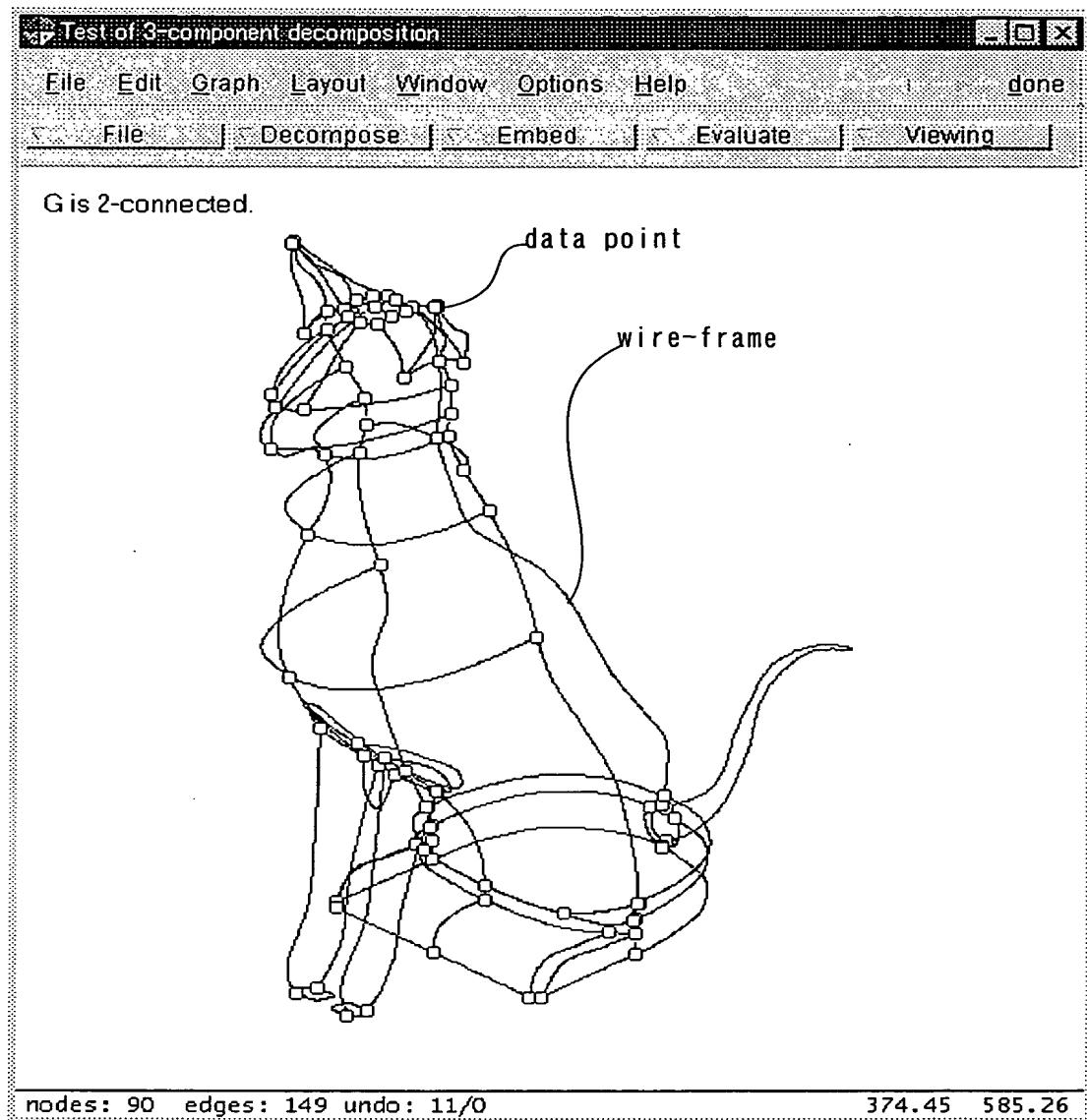


Fig. 15

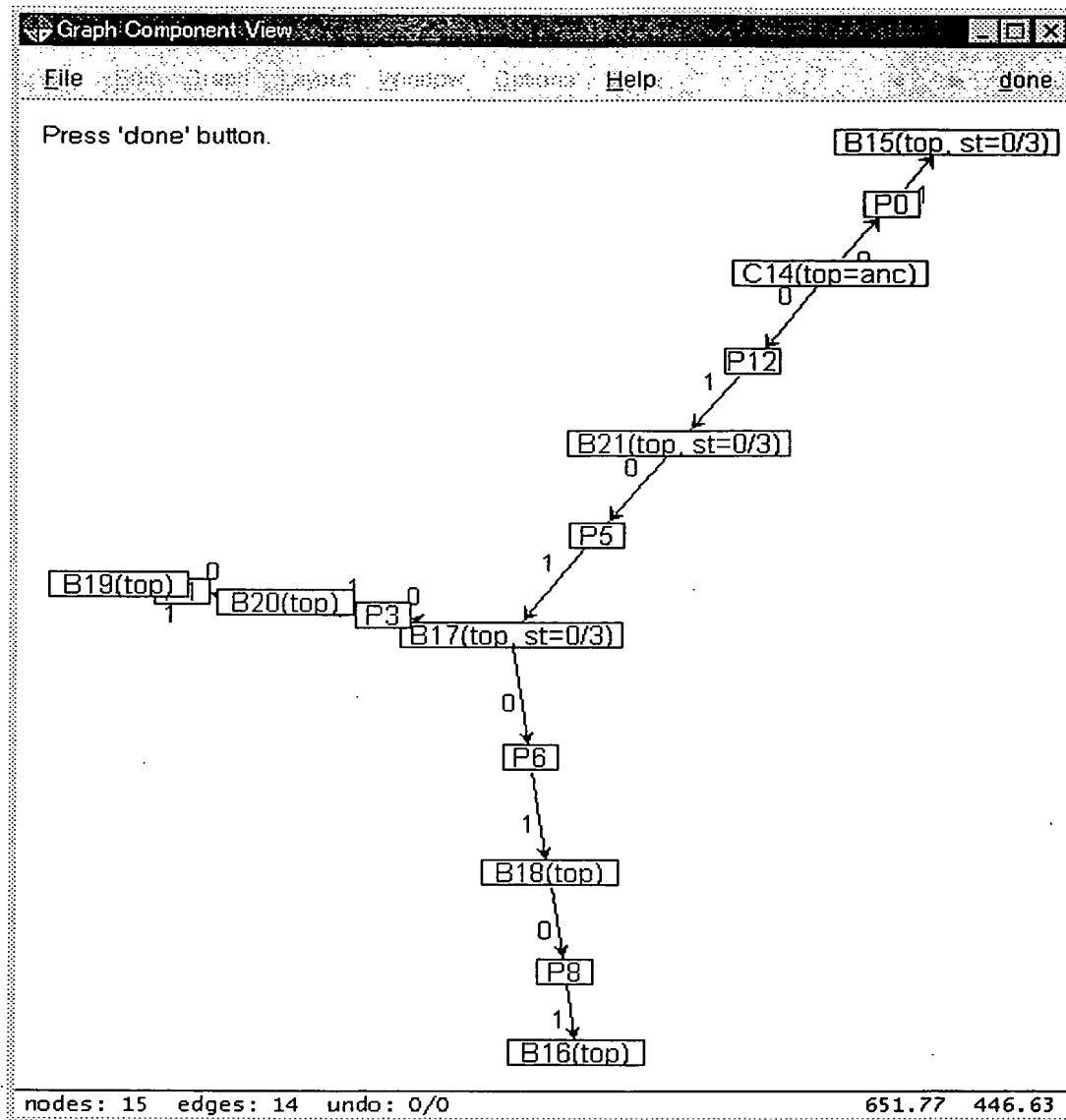


Fig. 16

00052600 "00052600
00052600 "00052600

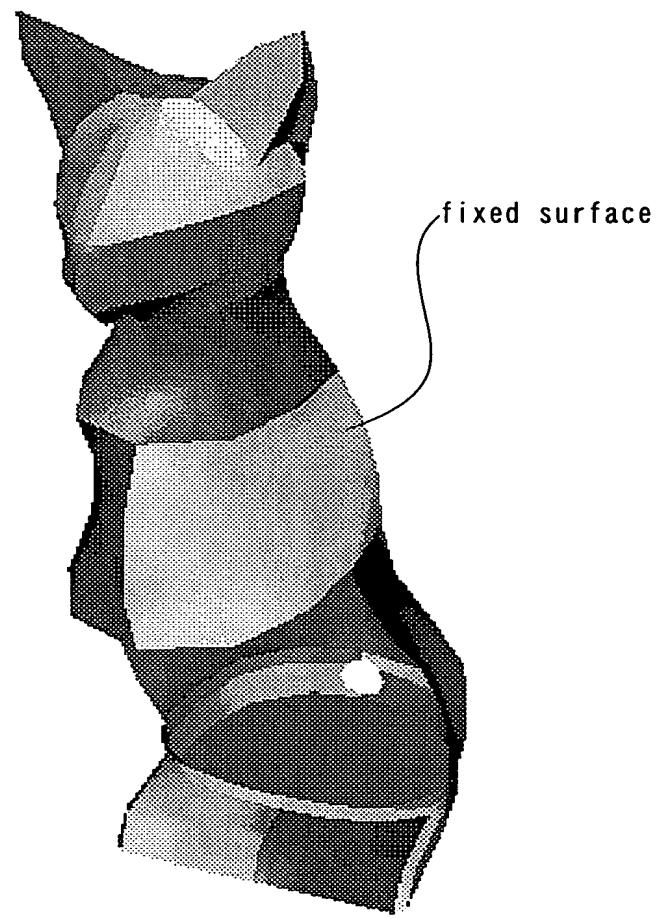


Fig. 17

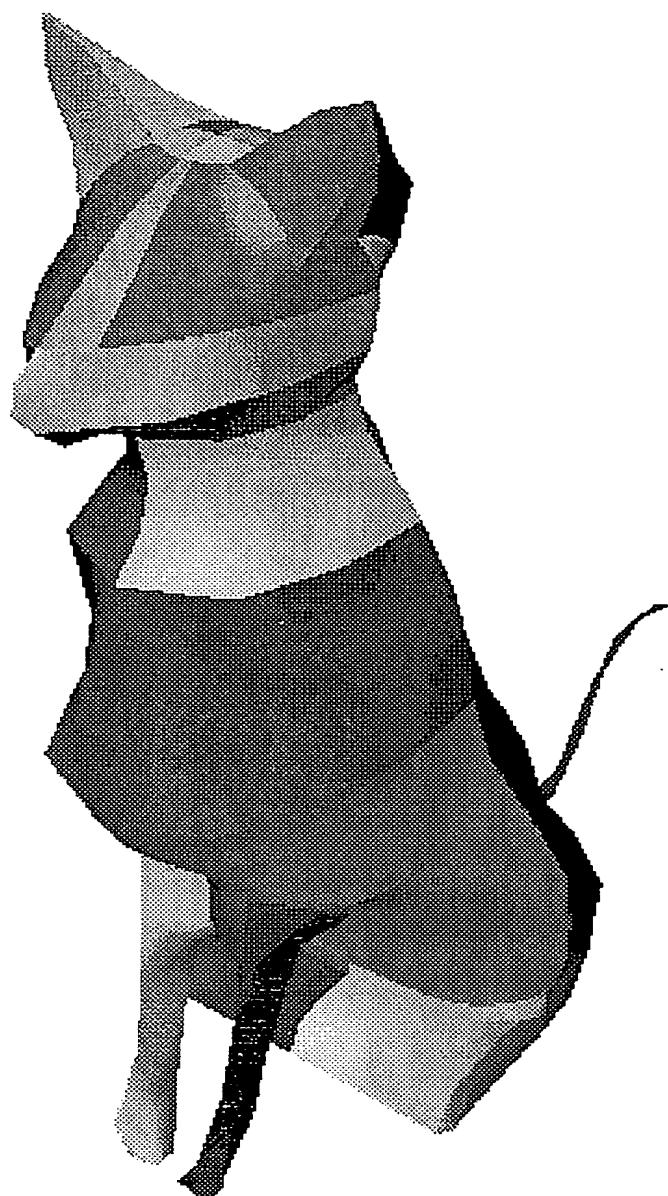


Fig. 18

009648139 "0822500

09648133 - 092500

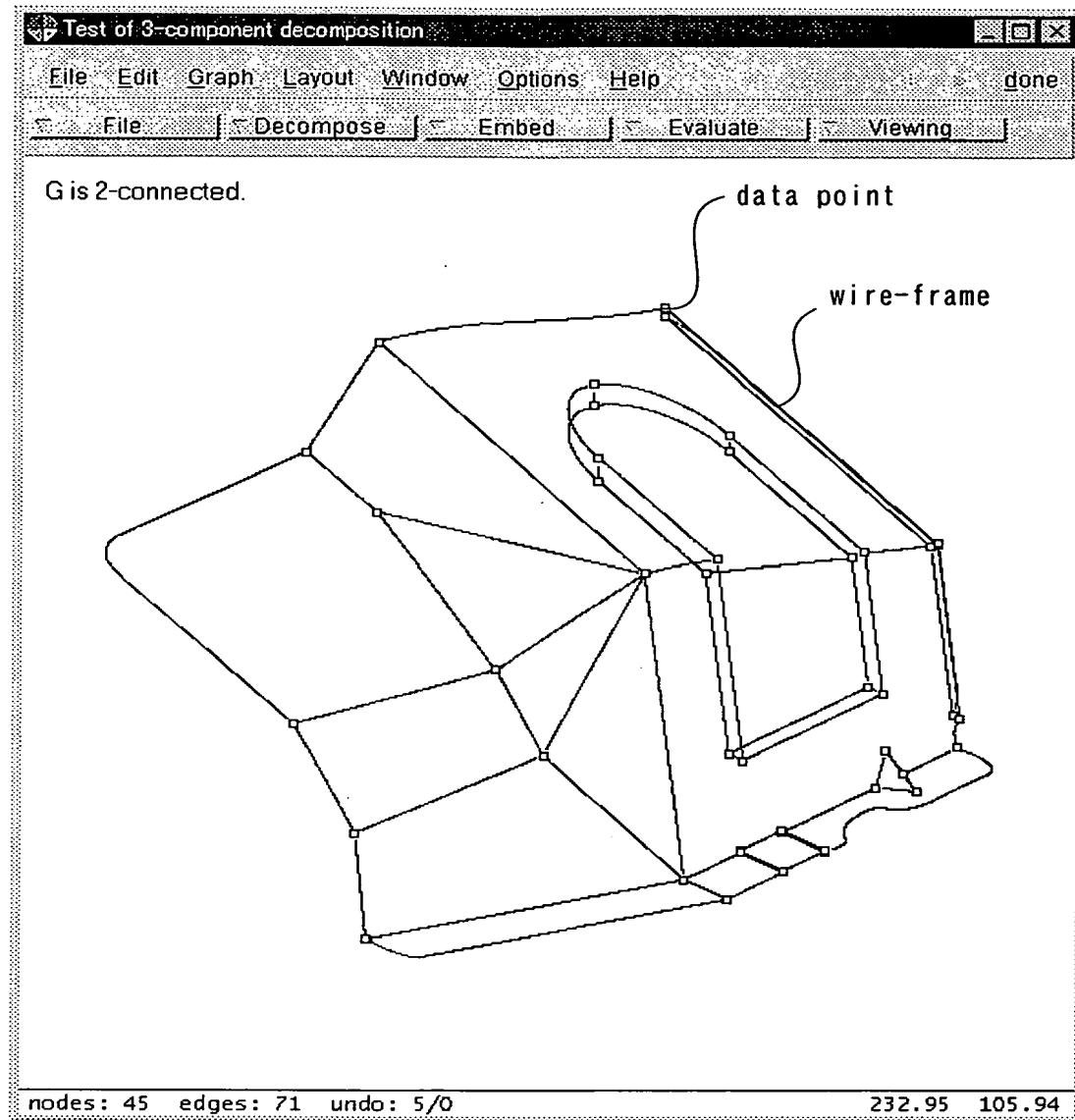


Fig. 19

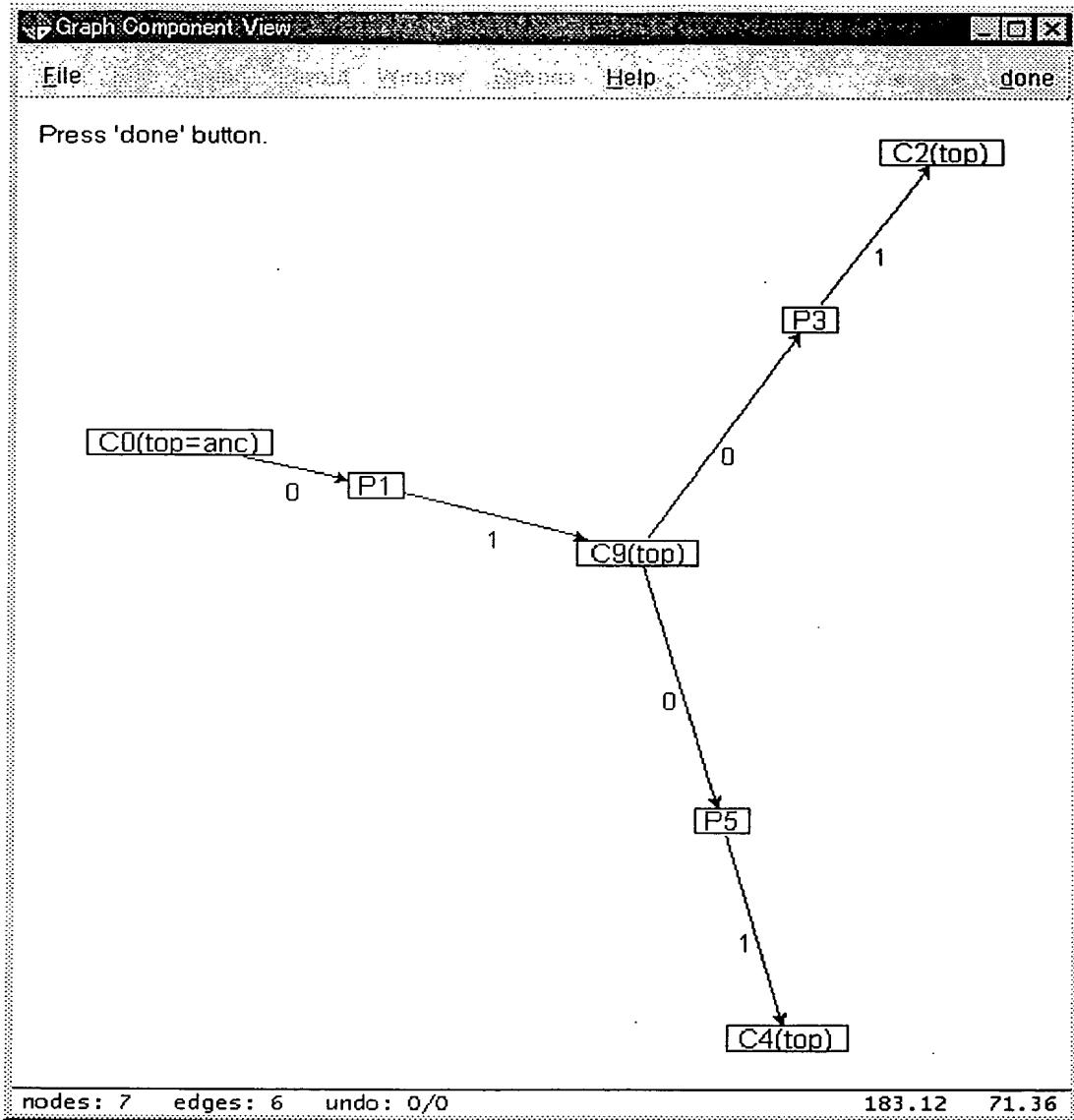


Fig. 20

09646125 " 0022500

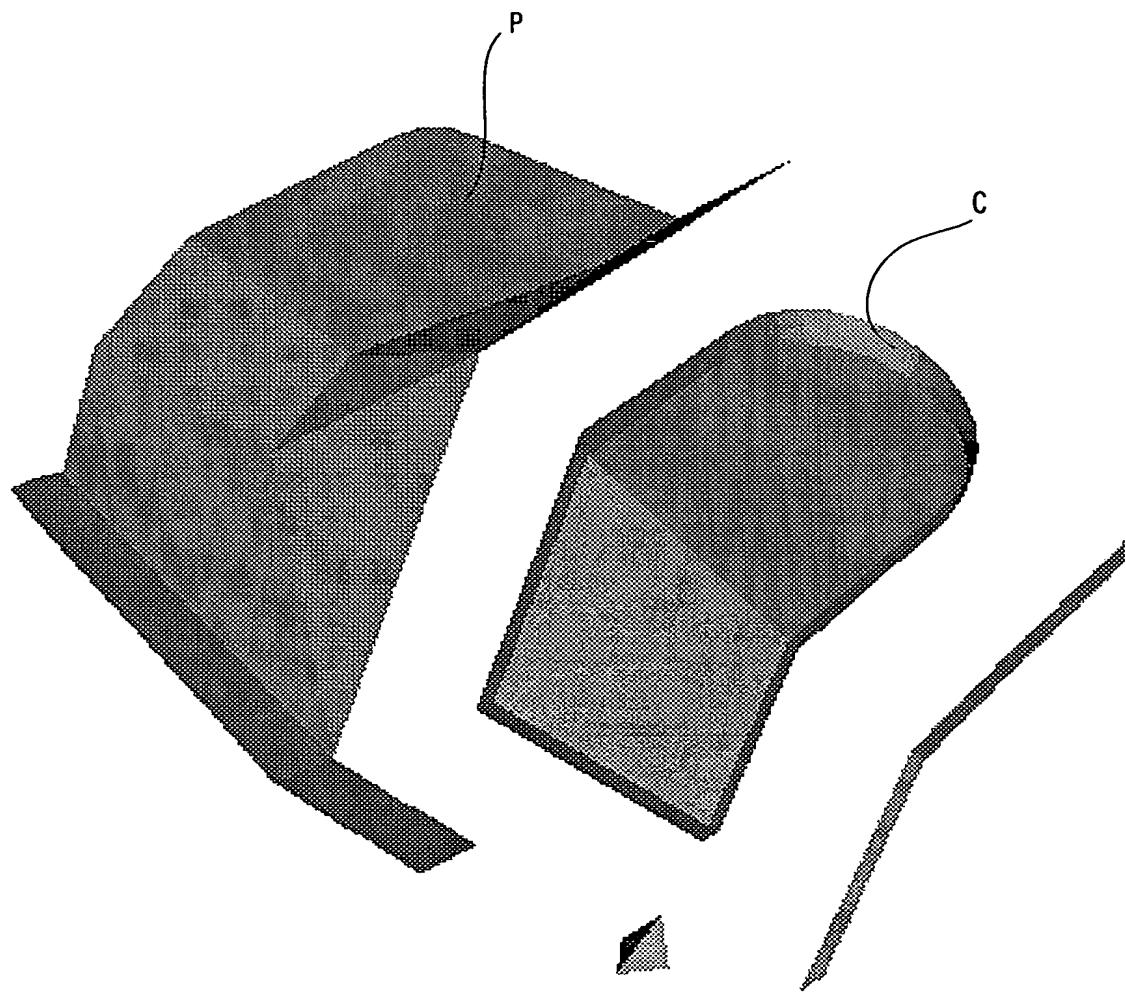


Fig. 21

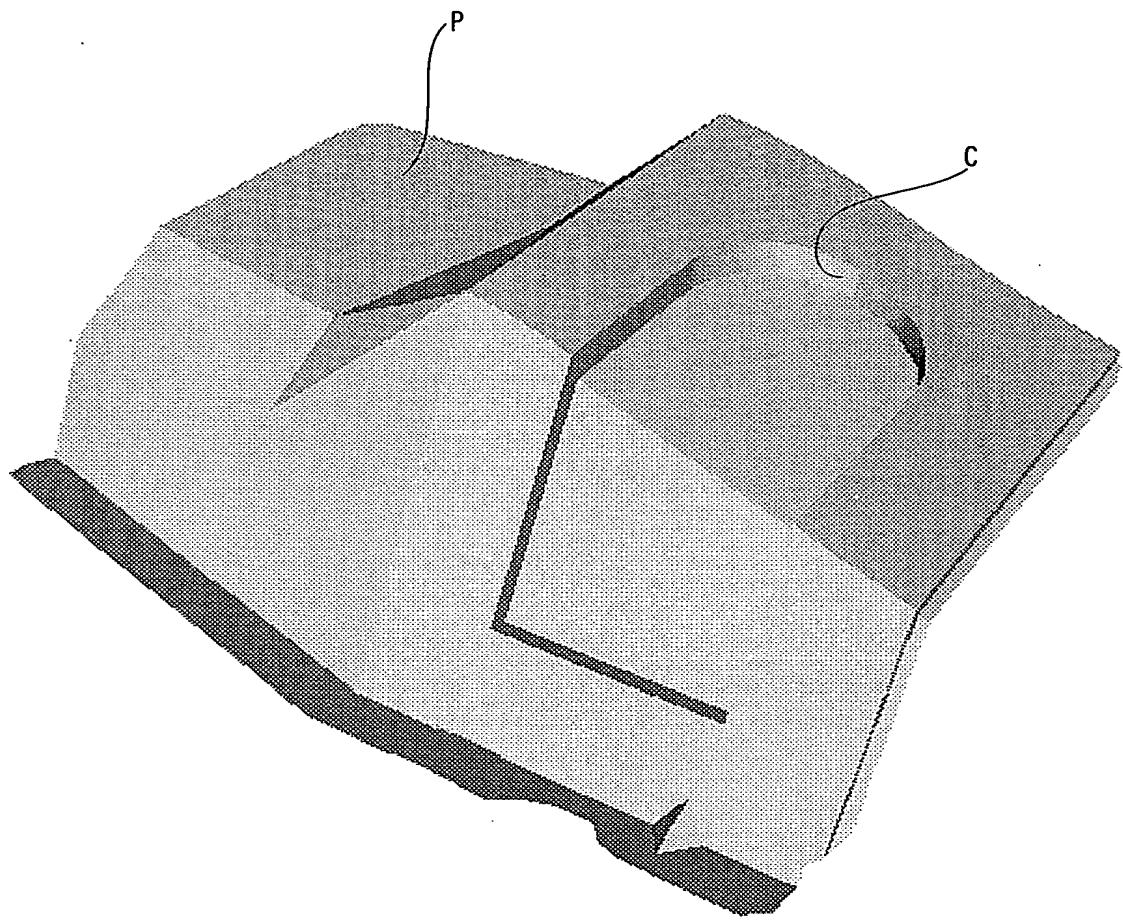


Fig. 22